

Converting Colors

$Yxy(45.4428, 0.3039, 0.3247)$

Have a look what the booklet for
Yxy(45.4428, 0.3039, 0.3247)
contains.

Yxy(45.5071, 0.3045, 0.3250)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.5071, 0.3045, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	AEB5B8
RGB	174, 181, 184
RGB Percent	68%, 71%, 72%
CMY	0.3175, 0.2902, 0.2785
CMYK	0.05, 0.02, 0.00, 0.28
HSL	198°, 7%, 70%
HSV	198°, 5%, 72%
XYZ	42.6367, 45.5071, 51.8781
YIQ	179.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

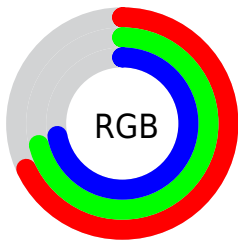
Format	Color
RYB	174, 178, 184
Decimal	11449784
CIELab	73.22, -1.84, -2.37
CIELCh	73, 3.000, 232.273
Yxy	45.5071, 0.3045, 0.3250
Android (android.graphics.Color)	4289639864 (0xFFFAEB5B8)
YUV	179.2490, 2.3422, -4.6034
Hunter-Lab	67.4590, -5.2343, 1.6254

Details

The Yxy color $45.5071, 0.3045, 0.3250$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.7053, 0.3213, 0.3330$, and the grayscale version is $45.2119, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.5177, 0.3056, 0.3259$, and $21.2146, 0.3026, 0.3235$ is the 20% darker color. If you saturate the color by 10%, you get $41.3295, 0.2893, 0.3170$, and if you desaturate by 10%, it is $50.0676, 0.3196, 0.3322$.

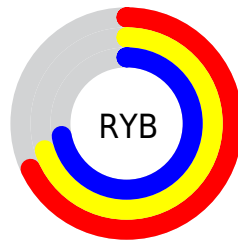
Distribution



Red (68%)

Green (71%)

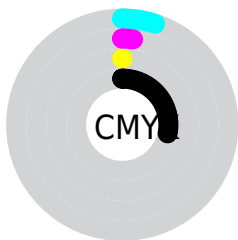
Blue (72%)



Red (68%)

Yellow (70%)

Blue (72%)

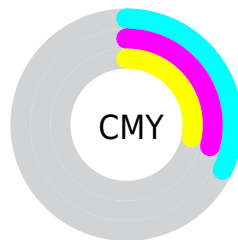


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5071, 0.3045, 0.3250 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 45.5071, 0.3045, 0.3250 by changing the saturation by 10% instead.

■ 45.5071, 0.3045,
0.3250

■ 45.5071, 0.3045,
0.3250

368.8235, 0.3086,
0.3270

■ 31.8570, 0.3035,
0.3245

■ 83.4808, 0.3060,
0.3257

■ 21.2523, 0.3021,
0.3238

108.5733, 0.3066,
0.3260

■ 13.3086, 0.3004,
0.3229

138.2487, 0.3070,
0.3263

■ 7.6414, 0.2979,
0.3217

172.8915, 0.3074,
0.3265

■ 3.8663, 0.2941,
0.3198

212.8859, 0.3078,
0.3266

■ 1.5991, 0.2879,
0.3165

258.6164, 0.3081,

■ 0.3570, 0.2442,

0.3268

0.2960

310.4675, 0.3084,
0.3269

0.0000, 0.0000,
0.0000

45.5071, 0.3045,
0.3250

45.5071, 0.3045,
0.3250

41.3295, 0.2893,
0.3170

50.0676, 0.3196,
0.3322

37.5164, 0.2741,
0.3083

55.0174, 0.3345,
0.3387

34.0561, 0.2595,
0.2988

60.3697, 0.3488,
0.3444

30.9341, 0.2456,
0.2886

66.1354, 0.3626,
0.3495

28.1349, 0.2329,
0.2779

70.1718, 0.3670,
0.3547

■ 25.6410, 0.2216,
0.2668

■ 72.9326, 0.3655,
0.3603

■ 23.4333, 0.2120,
0.2555

■ 75.7889, 0.3640,
0.3658

■ 21.4898, 0.2045,
0.2441

■ 78.7415, 0.3625,
0.3712

■ 19.7832, 0.1988,
0.2329

■ 81.7914, 0.3611,
0.3765

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.5071, 0.3056, 0.3286



45.5071, 0.3045, 0.3250



45.5071, 0.3056, 0.3225

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.5071, 0.3045, 0.3250



45.5071, 0.3168, 0.3257



45.5071, 0.3169, 0.3364

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.5071, 0.3045, 0.3250



44.7053, 0.3213, 0.3330

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.5071, 0.3199, 0.3355



45.5071, 0.3045, 0.3250



45.5071, 0.3199, 0.3294

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.5071, 0.3045, 0.3250



45.5071, 0.3127, 0.3230



45.5071, 0.3210, 0.3330



45.5071, 0.3127, 0.3352

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.5071, 0.3045, 0.3250



45.5071, 0.3074, 0.3218



45.5071, 0.3210, 0.3330



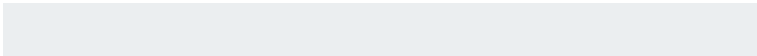
45.5071, 0.3181, 0.3363

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.5090, 0.3045, 0.3250



85.2182, 0.3096, 0.3275



46.4557, 0.3098, 0.3383



18.3900, 0.3098, 0.3276



93.3107, 0.3127, 0.3290



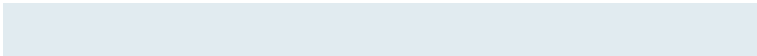
18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.5090, 0.3045, 0.3250



81.9606, 0.3034, 0.3245



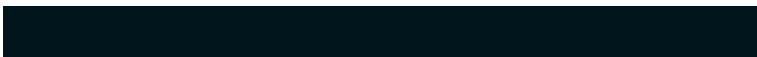
43.5261, 0.3046, 0.3184



10.0076, 0.3028, 0.3241



13.2611, 0.1970, 0.2291



0.5705, 0.2050, 0.2579

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.8127, 0.3158, 0.3199



78.5149, 0.3162, 0.3187



46.7028, 0.3208, 0.3394



9.5570, 0.3165, 0.3180



8.1210, 0.4135, 0.2052



0.2967, 0.3844, 0.1891

Previews

White Background



This preview shows how the Yxy color 45.5071, 0.3045, 0.3250 looks on a white background.

Color Contrast Check

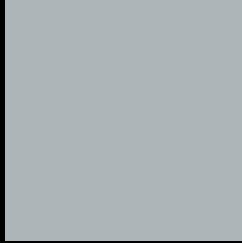
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 45.5071, 0.3045, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

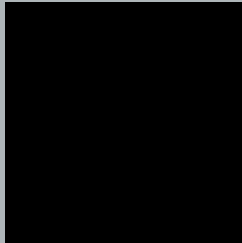
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

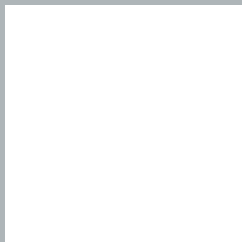
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5071, 0.3045, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 45.5071, 0.3045, 0.3250.



This preview shows how white text looks on a background with the Yxy color 45.5071, 0.3045, 0.3250.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.5071, 0.3045, 0.3250

Protanopia

45.6042, 0.3121, 0.3238

Deuteranopia

45.2442, 0.3213, 0.3151



Tritanopia

45.3653, 0.2985, 0.3094

Trichromacy



Original Color

45.5071, 0.3045, 0.3250

Protanomaly

45.6451, 0.3095, 0.3251

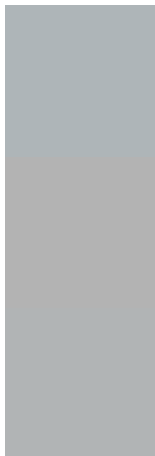
Deuteranomaly

45.5119, 0.3149, 0.3187

Tritanomaly

45.4742, 0.3007, 0.3158

Monochromacy



Original Color

45.5071, 0.3045, 0.3250

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.3258, 0.3094, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5071, 0.3045, 0.3250 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 181, 184)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 181, 184) }
```

Border

The CSS property to change the border of an element to Yxy 45.5071, 0.3045, 0.3250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 181, 184) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 181, 184) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(174, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 181,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5071, 0.3045, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 181, 184) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
181, 184) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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